

# Ritesh Agarwal

+91 9623126536 | [riteshja88@gmail.com](mailto:riteshja88@gmail.com) | [linkedin.com/in/riteshja88](https://linkedin.com/in/riteshja88) | [github.com/riteshja88](https://github.com/riteshja88)

## Summary

A highly motivated and results-oriented professional with a proven track record of success in Software Development and Engineering. Seeking a challenging role where I can leverage my skills and experience of 15+ years in 'C' and 'Software Development Engineering' to contribute in a dynamic organization.

## Experience

Principal Software Development Engineer	Apr 2024 - Present
Zscaler	Pune, MH, India
<ul style="list-style-type: none"><li>Collaborated with cross-functional teams to define project requirements and deliver multiple high-quality/impact customer-focused features, resulting in a measureable increase of Net Annual Recurring Revenue(NARR).</li><li>Expedited resolution of critical blocker issues across development, release and production (mainline) branches, maintaining continuous delivery pipelines and ensuring production stability.</li><li>Streamlined weekly reporting processes by gathering and summarizing team status, enhancing visibility into project health for senior management and cross-functional partners.</li><li>Spearheaded engineering initiatives to enhance database component reliability by reducing Recovery Point Objectives (RPO) and Recovery Time Objectives (RTO) through in-depth analysis and benchmarking of industry-standard backup and restore methods.</li><li>Acted as the on-call development engineer for the India Time Zone (IST), providing frontline support for production systems and resolving critical alerts and incidents on a rotational basis.</li></ul>	
Skills	
	<ul style="list-style-type: none"><li>C, PostgreSQL, Redis, FreeBSD, RAFT, Perl, Shell Scripting, Python, Gdb, Data Structures, Algorithms, Gemini/ChatGPT GenAI, PagerDuty</li></ul>

Senior Principal Software Engineer II	2019 - Apr 2024
Pubmatic	Pune, MH, India
<ul style="list-style-type: none"><li>Led the development of a new feature that resulted in a 15% increase in user engagement.</li><li>Mentored junior engineers and conducted code reviews to ensure code quality and adherence to best practices.</li><li>Collaborated with cross-functional teams to define project requirements and deliver high-quality software solutions.</li></ul>	
Software Engineer	Jun 2020 - Oct 2022

Microsoft	Redmond, WA
<ul style="list-style-type: none"><li>Developed and maintained software for [Product/Team].</li><li>Contributed to the design and implementation of new features.</li><li>Fixed bugs and improved the performance of existing code.</li></ul>	
Software Engineer	Jun 2020 - Oct 2022

## Education

Stanford University	Sept 2016 - Jun 2020
Master of Science in Computer Science	Stanford, CA
<ul style="list-style-type: none"><li>GPA: 3.8/4.0</li><li>Relevant Coursework: Algorithms, Data Structures, Artificial Intelligence, Machine Learning</li></ul>	

## Projects

Personal Website   HTML, CSS, JavaScript, React	Oct 2023 - Present
<ul style="list-style-type: none"><li>Developed a personal website to showcase my portfolio and skills.</li><li>Implemented a responsive design to ensure optimal viewing on all devices.</li></ul>	

## Skills

Languages: Python, Java, C++, JavaScript

Frameworks: React, Node.js, Django, Flask

Databases: MySQL, PostgreSQL, MongoDB

Tools: Git, Docker, Kubernetes, Jenkins